

IFN

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/734,017	
	Filing Date	December 10, 2003	
	First Named Inventor	Randall J. Huebner	
	Art Unit	3732	
	Examiner Name		
Total Number of Pages in This Submission	22+	Attorney Docket Number	ACM 347

ENCLOSURES (Check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	1. PTO-1449 Forms (19 pages) 2. Foreign references (10) 3. "Other" documents (27)
Remarks			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	James R. Abney, Esq. Kolisch Hartwell, P.C.
Signature	
Date	August 17, 2004

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Renee Knight	
Signature		Date August 17, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

RANDALL J. HUEBNER and STEVEN P. HORST

Date: August 17, 2004

Serial No. : 10/734,017

Group Art Unit 3732

Filed : December 10, 2003

For : EXTERNAL FIXATOR

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

**CONTENT OF DISCLOSURE**

This Information Disclosure Statement includes (1) 19 pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s).

However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

## FOREIGN-LANGUAGE REFERENCES

A concise explanation of the relevance of each listed reference not in the English language follows:

German Patent Document No. DT 24 37 752: This reference appears to disclose an external fixator, as shown in the figures.

## TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

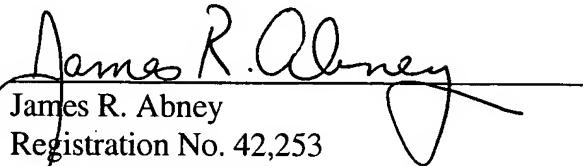
### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on August 17, 2004.

  
\_\_\_\_\_  
Renee Knight

Respectfully submitted,

KOLISCH HARTWELL, P.C.

  
\_\_\_\_\_  
James R. Abney  
Registration No. 42,253  
Customer No. 23581  
520 S.W. Yamhill Street, Suite 200  
Portland, Oregon 97204  
Telephone: (503) 224-6655  
Facsimile: (503) 295-6679  
Attorney for Assignee



SHEET 1 OF 19

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT 3732

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	583,455	6/1/1897	Bush			
	1,201,864	10/17/16	Overmeyer			
	1,789,060	1/13/31	Weisenbach			
	1,869,726	8/2/32	Youngren			
	1,869,972	8/2/32	Kline			
	1,880,945	10/4/32	Ettinger			
	1,997,466	4/9/35	Longfellow			
	2,024,325	12/17/35	Allen			
	2,091,643	8/31/37	Longfellow			
	2,214,490	9/10/40	Thomas			

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
	2 553 996	3/18/85	France			XX	
	2 701 838	9/2/94	France			XX	

#### OTHER DOCUMENTS

	<i>The Closed Treatment of Common Fractures</i> , Charnley, pp. 227-229, 1957.
	<i>External Fixation – The Current State of the Art</i> , Brooker et al., p. 308, 1979.
	<i>Current Concepts of External Fixation of Fractures</i> , Uthhoff, pp. 96 and 143, 1982.
	<i>Limb Lengthening Surgical Technique Using the Hoffmann™ External Fixation Device (Howmedica Surgical Technique)</i> , Howmedica, Inc., pp. 1-27, 1983.

EXAMINER	DATE CONSIDERED
----------	-----------------



SHEET 2 OF 19

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347		APPLICATION NUMBER 10/734,017		
		APPLICANTS Randall J. Huebner and Steven P. Horst				
		FILING DATE December 10, 2003		GROUP ART UNIT		
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2,238,870	4/15/41	Haynes			
	2,245,909	6/17/41	Enfiajian			
	2,250,417	7/22/41	Ettinger			
	2,251,209	7/29/41	Stader			
	2,252,607	8/12/41	Baker			
	2,333,033	10/26/43	Mraz			
	2,346,346	4/11/44	Anderson			
	2,357,323	9/5/44	Goldberg			
	2,371,519	3/13/45	Haynes			
	2,391,537	12/25/45	Anderson			
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES      NO
	24 37 752	2/26/76	Germany			XX
	27 45 504	4/19/79	Germany			XX
<b>OTHER DOCUMENTS</b>						
	<i>External Skeletal Fixation</i> , Mears, pp. 6, 40 and 41, 1983.					
	<i>Clyburn Dynamic Colles Fixator</i> brochure, Zimmer, Inc., pp. 1-4, 1985.					
	<i>Instruments for Lengthening of Extremities</i> brochure page, Synthes, May 1987.					
	<i>Distal Radius Fractures</i> , Agee, <u>External Fixation</u> , Vol. 9, No. 4, pp. 577-585, Nov. 1993.					
EXAMINER			DATE CONSIDERED			

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2,391,693	12/25/45	Ettinger			
	2,393,694	1/29/46	Kirschner			
	2,393,831	1/29/46	Stader			
	2,393,982	2/5/46	Giesen			
	2,406,987	9/3/46	Anderson			
	2,434,431	1/13/48	Pincock			
	2,435,850	2/10/48	Siebrandt			
	2,443,106	6/8/48	Grosso			
	2,497,626	2/14/50	Persall			
	2,651,302	9/8/53	Berry			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
	36 14 305	11/12/87	Germany			XX	
	40 21 246	1/9/92	Germany			XX	

## OTHER DOCUMENTS

	<i>External Fixation Shows Procedure Growth, Orthopedic Network News, Vol. 6, No. 2, pp. 7-11, April 1995.</i>
	<i>A Simple External Fixator for Use in Metacarpal and Phalangeal Fractures: A Technique Paper, Sochart et al., Journal of Orthopaedic Trauma, Vol. 9, No. 4, pp. 333-335, 1995.</i>
	<i>Superelastic Nitinol for Medical Devices, Duerig et al., Medical Plastics and Biomaterials Magazine, internet reprint pp. 1-9, March 1997.</i>

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2,697,433	12/21/54	Zehnder			
	2,812,761	11/12/57	Palkovitz			
	2,823,668	2/18/58	Van Court et al.			
	2,943,859	7/5/60	Koski et al.			
	3,128,768	4/14/64	Geistauts			
	3,164,152	1/5/65	Nicoll			
	3,244,170	4/5/66	McElvenny			
	3,403,676	10/1/68	Gibbons			
	3,643,656	2/22/72	Young et al.			
	3,654,919	4/11/72	Birtwell			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
	2 047 540	12/3/80	United Kingdom			XX	
	2 086 231	5/12/82	United Kingdom			XX	

## OTHER DOCUMENTS

	<i>Introducing the DFS® MultiPlanar™ Distal Radius Fixation System brochure, EBI Medical Systems, Inc., pp. 15, January 1998.</i>
	<i>Introducing the DFS Dimension™ Distal Radius Fixation System brochure, EBI Medical Systems, Inc., pp. 1-2, September 1998.</i>
	<i>Nitinol Solutions brochure, Raychem Corporation, pp. 1-6, April 1999.</i>

EXAMINER	DATE CONSIDERED

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	3,701,349	10/31/72	Larson			
	3,709,218	1/9/73	Halloran			
	3,745,998	7/17/73	Rose			
	3,762,404	10/2/73	Sakita			
	3,771,519	11/13/73	Haake			
	3,786,805	1/22/74	Tourin			
	3,835,849	9/17/74	McGuire			
	3,862,631	1/28/75	Austin			
	3,868,952	3/4/75	Hatton			
	3,901,225	8/26/75	Sconce			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
	2 219 742	12/20/89	United Kingdom			XX	
	WO 96/35385	11/14/96	WIPO			XX	

## OTHER DOCUMENTS

	<i>Stableloc® External Fixation Systems</i> brochure, Acumed LLC, pp. 1-8, July 1999.
	<i>The Pennig Dynamic Wrist Fixator (Trans-Articular Application)</i> quick reference guide, Orthofix, pp. 1-8, December 2000.
	<i>The Radiolucent Wrist Fixator</i> quick reference guide, Orthofix, pp. 1-3, March 2001.

EXAMINER	DATE CONSIDERED

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	3,961,854	6/8/76	Jaquet			
	3,975,032	8/17/76	Bent et al.			
	4,003,096	1/18/77	Frey			
	4,024,860	5/24/77	Chelnokov et al.			
	4,040,130	8/9/77	Laure			
	4,096,857	6/27/78	Cramer et al.			
	4,127,119	11/28/78	Kronner			
	4,135,505	1/23/79	Day			
	4,157,713	6/12/79	Clarey			
	4,185,624	1/29/80	Gentile			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS

	<i>The Pennig Dynamic Wrist Fixator (Extra-Articular Application) quick reference guide, Orthofix, pp. 1-4, March 2001.</i>
	<i>History of External Fixation, Complications of External Skeletal Fixation, pp. 3-11, date unknown.</i>
	<i>Fractures in the Pectoral Limb, p. 143, date unknown.</i>

EXAMINER	DATE CONSIDERED

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,187,841	2/12/80	Knutson			
	4,220,146	9/2/80	Cloutier			
	4,244,360	1/13/81	Dohogne			
	4,258,708	3/31/81	Gentile			
	4,266,298	5/12/81	Graziano			
	4,271,832	6/9/81	Evans et al.			
	4,299,212	11/10/81	Goudfrooy			
	4,308,863	1/5/82	Fischer			
	4,319,565	3/16/82	McMinn			
	4,338,923	7/13/82	Gelfer et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS

	<i>General Principles of Fracture Treatment</i> , p. 171, date unknown.
	<i>The Use of Mini Fixation in the Hand</i> , Asche, <u>Clinical Techniques in Upper Extremity</u> , pp. 505-520, date unknown.
	<i>Richard Colles Fracture Frame</i> description page, Smith & Nephew, p. K-4, date unknown.

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,338,927	7/13/82	Volkov et al.			
	4,349,017	9/14/82	Sayegh			
	4,393,868	7/19/83	Teague			
	4,409,970	10/18/83	Carrel			
	4,450,834	5/29/84	Fischer			
	4,475,546	10/9/84	Patton			
	4,483,334	11/20/84	Murray			
	4,488,542	12/18/84	Helland			
	4,502,473	3/5/85	Harris et al.			
	4,535,763	8/20/85	Jaquet			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS

	<i>Large Lengthening Set and Small Lengthening Set brochure pages, Synthes, pp. 61-64, date unknown.</i>
	<i>Tibial Lengthening Surgical Technique Stage II description page, p. 9, origin, author, and date unknown.</i>
	<i>Fig. 7.1: Large Lengthener Positioned in Femur and Fig. 7.2: Small Lengthener Positioned in Tibia, p. 7-2, origin, author, and date unknown.</i>

EXAMINER	DATE CONSIDERED

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,541,422	9/17/85	De Zbikowski			
	4,548,199	10/22/85	Agee			
	4,584,995	4/29/86	Koeneman			
	4,611,586	9/16/86	Agee et al.			
	4,620,533	11/4/86	Mears			
	4,621,624	11/11/86	Rayboy			
	4,621,627	11/11/86	DeBastiani et al.			
	4,628,919	12/16/86	Clyburn			
	4,628,921	12/16/86	Rousso			
	4,628,922	12/16/86	Dewar			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS

	6.13.4.2 Application Technique of the Large Apparatus in the Femur description page, p. 347, origin, author, and date unknown.

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,628,945	12/16/86	Johnson, Jr.			
	4,657,003	4/14/87	Wirtz			
	4,662,364	5/5/87	Viegas et al.			
	4,662,365	5/5/87	Gotzen et al.			
	4,664,099	5/12/87	Pearl, Jr.			
	4,696,293	9/29/87	Ciullo, Jerome V.			
	4,714,076	12/22/87	Comte et al.			
	4,730,608	3/15/88	Schlein			
	4,745,913	5/24/88	Castaman et al.			
	4,747,400	5/31/88	Koeneman et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,823,781	4/25/89	Buchanan			
	4,848,368	7/18/89	Kronner			
	4,862,879	9/5/89	Coombs			
	4,869,242	9/26/89	Galluzzo			
	4,895,141	1/23/90	Koeneman et al.			
	4,913,137	4/3/90	Azer et al.			
	4,922,896	5/8/90	Agee et al.			
	4,923,458	5/8/90	Fischer			
	4,936,843	6/26/90	Sohngen			
	4,941,481	7/17/90	Wagenknecht			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,942,872	7/24/90	Jawish			
	4,976,712	12/11/90	VanderSlik			
	4,978,348	12/18/90	Ilizarov			
	4,988,349	1/29/91	Pennig			
	4,998,935	3/12/91	Pennig			
	5,003,969	4/2/91	Azer et al.			
	5,014,681	5/14/91	Neeman et al.			
	5,019,077	5/28/91	De Bastiani et al.			
	5,024,618	6/18/91	Tepic			
	5,026,372	6/25/91	Sturtzkopf et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,033,457	7/23/91	Bonutti			
	5,042,508	8/27/91	Richard			
	5,098,432	3/24/92	Wagenknecht			
	5,100,403	3/31/92	Hotchkiss et al.			
	5,102,411	4/7/92	Hotchkiss et al.			
	5,108,393	4/28/92	Ruffa			
	5,108,394	4/28/92	Kurokawa et al.			
	5,108,396	4/28/92	Lackey et al.			
	5,108,404	4/28/92	Scholten et al.			
	5,122,140	6/16/92	Asche et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,125,400	6/30/92	Johnson, Jr.			
	5,133,342	7/28/92	Seaton			
	5,152,280	10/6/92	Danieli			
	5,160,335	11/3/92	Wagenknecht			
	5,167,661	12/1/92	Wagenknecht			
	5,171,310	12/15/92	Chisena			
	5,203,783	4/20/93	Harle			
	5,207,676	5/4/93	Canadell et al.			
	5,209,750	5/11/93	Stef			
	5,254,078	10/19/93	Carter et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
		APPLICANTS Randall J. Huebner and Steven P. Horst	
		FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,267,951	12/7/93	Ishii			
	5,275,599	1/4/94	Zbikowski et al.			
	5,281,224	1/25/94	Faccioli et al.			
	5,284,468	2/8/94	Nelson			
	5,286,249	2/15/94	Thibodaux			
	5,288,286	2/22/94	Davis et al.			
	5,292,322	3/8/94	Faccioli et al.			
	5,300,072	4/5/94	Aghion			
	5,304,177	4/19/94	Pennig			
	5,314,426	5/24/94	Pohl et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,320,622	6/14/94	Faccioli et al.			
	5,320,623	6/14/94	Pennig			
	5,330,474	7/19/94	Lin			
	5,334,202	8/2/94	Carter			
	5,342,288	8/30/94	Lee et al.			
	5,342,360	8/30/94	Faccioli et al.			
	5,352,228	10/4/94	Kummer et al.			
	5,376,067	12/27/94	Daneshvar			
	5,380,322	1/10/95	van den Brink et al.			
	5,383,844	1/24/95	Munoz et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,407,421	4/18/95	Goldsmith			
	5,437,666	8/1/95	Tepic et al.			
	5,443,465	8/22/95	Pennig			
	5,571,103	11/5/96	Bailey			
	5,601,551	1/22/97	Taylor et al.			
	5,620,442	4/15/97	Bailey et al.			
	5,643,258	7/1/97	Robioneck et al.			
	5,658,283	8/19/97	Huebner			
	5,662,648	9/2/97	Faccioli et al.			
	5,662,650	9/2/97	Bailey et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,683,389	11/4/97	Orsak			
	5,709,681	1/20/98	Pennig			
	5,718,669	2/17/98	Marble			
	5,743,898	4/28/98	Bailey et al.			
	5,810,750	9/22/98	Buser			
	5,897,555	4/27/99	Clyburn et al.			
	5,944,719	8/31/99	Leban			
	6,162,223	12/19/00	Orsak et al.			
	6,203,548	3/20/01	Helland			
	6,245,071	6/12/01	Pierson			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER

DATE CONSIDERED

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER ACM 347	APPLICATION NUMBER 10/734,017
	APPLICANTS Randall J. Huebner and Steven P. Horst	
	FILING DATE December 10, 2003	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	Re. 31,809	1/22/85	Danieletto et al.			
	Re. 34,627	5/31/94	Davini			
	Re. 34,985	6/27/95	Pennig			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

## OTHER DOCUMENTS


EXAMINER	DATE CONSIDERED
----------	-----------------